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62.05 for 1944

# Fall Planting

Vegetable - Flower SEEDS AND BULBS



**Liefgreen** SEED COMPANY

339 W. VAN BUREN • PHOENIX, ARIZONA.



## WRITE FOR QUANTITY PRICES

## TABLE BEET SEEDS

**CULTURE**—Sow from August to May in warm sections in rows 18 to 24 inches apart and thin to 4 inches in the row. Frequent cultivation and a rich loamy soil are best for quick tender growth.

**EARLY WONDER**—An early round beet with small top growth recommended for table and canning.

**DETROIT DARK RED**—Sweet, tender and fine grained. One of the best all-purpose beets.

**CROSBY'S EGYPTIAN**—Superior strain of this extra early deep red garden beet.

**EARLY BLOOD TURNIP**—Very tender, blood red beet. Retains its color when cooked.

Prices on Table Beets: Pkt. 5c, oz. 30c, ¼ lb. \$1.00.

## CABBAGE

**CULTURE**—Sown in fall and winter for spring harvest, 6 oz. of seed will produce sufficient plants for one acre of planting. Start in a seed bed and transplant into rows when large enough to handle. Space plants 1 to 2 feet apart.

**GOLDEN ACRE**—Dwarf early cabbage producing heads averaging 2½ to 3 pounds each. Pkt. 10c, oz. 70c, postpaid.

**COPENHAGEN MARKET**—Solid, round heads of superior quality. Early maturing. Pkt. 10c, oz. 70c, postpaid.

**RED DUTCH**—Solid deeply colored heads. Excellent for cold slow and pickling. Pkt. 10c, oz. 70c, postpaid.

## CHINESE CABBAGE

**CHIHILI**—Very firm heads 18 to 20 inches tall, well blanched, it is crisp, sweet and tender. Pkt. 10c, oz. 45c, postpaid.

**WONG BOK**—Dwarfer; heads 8 to 10 inches tall, broad and firm. Excellent quality. Pkt. 10c, oz. 45c, postpaid.

## CAULIFLOWER

**CULTURE**—Sow seed in beds of rich, carefully pulverized soil. Keep plants in healthy, rapid growth and transplant to rows when 40 to 45 days old. Rows 2½ to 3 feet apart, spacing plants 2 feet apart in the row.

**SNOWDRIFT No. 16**—An early sure heading variety. Outer leaves erect and tall while the inner leaves completely cover the head which is smooth and dazzling white. Pkt. 25c, ¼ oz. \$1.65, oz. \$5.00, postpaid.

All prices quoted subject to change without notice.

## CARROTS

**CULTURE**—May be sown from August to May in soil plentifully enriched with manure. Rows 15-18 inches apart. One oz. will sow 100 feet of row.

**DANVERS HALF LONG**—Uniformly tapering to a blunt point, the 6-8 inch carrots are of a deep orange, tender and excellent quality.

**FRENCH FORCING**—Small round carrots with a very fine flavor. For home use. Matures quickly.

**IMPROVED CHANTENAY**—Stump rooted with a broad shoulder. 5-6 inches long.

**IMPERATOR**—Deep orange, with indistinct core. 7-8 inches long with a round shoulder. Bunches well. One of the best market varieties.

**NANTES HALF LONG**—Reddish orange, crisp, and tender. Blunt pointed carrots.

**OX-HEART**—For heavy soil. Roots 4½ inches long. Bright orange, heart-shaped. Good quality.

All Carrots priced: Pkt. 10c, oz. 45c, ¼ lb. \$1.50, postpaid. Write for quantity prices.

## SWISS CHARD

**CULTURE**—Grown the same as beets.

**FORDHOOK GIANT**—Leaves rich green. Gives a plentiful supply of greens which are used in the same way as Spinach or Beet tops. Pkt. 5c, oz. 25c, ¼ lb. 80c, postpaid.

**LARGE WHITE RIBBED**—Thick succulent leaves, like spinach and of fine flavor. The broad white mid-ribs are tender and delicious cooked. Pkt. 5c, oz. 25c, ¼ lb. 80c, postpaid.

## COLLARDS

**CULTURE**—Collards are a non-heading cabbage. Treat the same way by starting plants in a seed bed and transplanting to rows.

**TRUE GEORGIA**—Strong growing with light green leaves. Pkt. 10c, oz. 15c, postpaid.

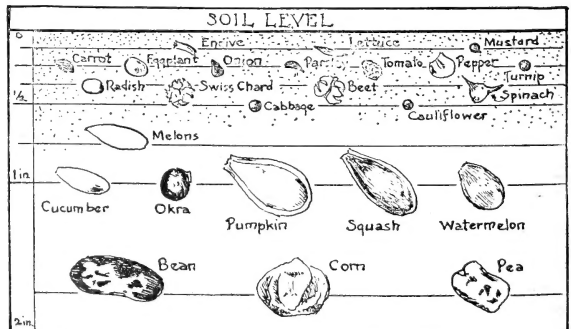
## ENDIVE

**CULTURE**—Sow thickly in rows 18 inches apart and when 4 inches high thin to stand 1 foot apart. When well grown gather up the outer leaves into a loosely tied bunch to blanch the center.

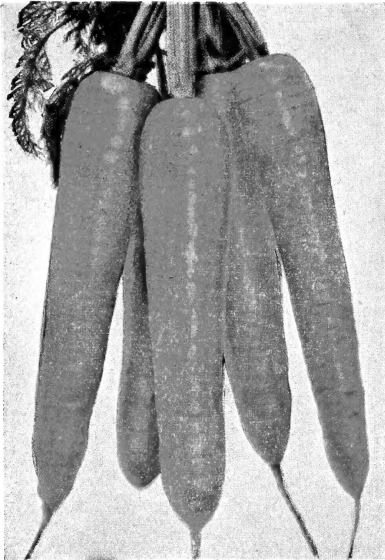
**GREEN CURLED RUFFEC**—Deep green variety blanching to a beautiful golden yellow. Pkt. 10c, oz. 20c, postpaid.

## Liefgreen's Vegetable Seeds

Are Carefully Tested and Selected for Home Garden and Market Garden



Proper depth of soil covering for seeds is very important. Better and quicker germination gives your garden a head start. Use the above Home Garden Planting Chart.



Imperator Carrots

## ASPARAGUS

**CULTURE**—Soak seed for 24 hours before planting and sow in rows where they are to remain until the following winter. Cover with about 1 inch of soil. In transplanting set the roots 10 inches deep and 3 feet apart.

**PALMETTO**—Very popular; light green stalks. Pkt. 10c, oz. 20c, postpaid.

**MARY WASHINGTON**—Giant rust proof asparagus. Pkt. 10c, oz. 20c, postpaid.

## ASPARAGUS ROOTS

**MARY WASHINGTON**—75c per doz., \$4.00 per 100, postpaid.

## BROCCOLI

**CULTURE**—Planting and care as for Cabbage.

**GREEN SPROUTING ITALIAN (Calabrese)**—The flower heads and the long flower stems are cooked and eaten like asparagus. Fine mild flavor. Pkt. 10c, oz. 60c, postpaid.



Cabbage, Sweet Golden Acre

# SEEDS FOR FALL PLANTING

PROMPT SERVICE ON ALL MAIL ORDERS



## KALE or BORECOLE

**CULTURE**—Sow  $\frac{1}{2}$  oz. per 100 feet of row. Place rows 3 feet apart and set plants 1 foot apart.

**GREEN CURLED SCOTCH**—Grows 2 or more feet high with deep green curled leaves. Pkt. 10c.

## KOHL-RABI

**CULTURE**—Sow from early fall to early spring like Turnip and thin to stand 6 inches apart.

**EARLY WHITE VIENNA**—Dwarf early variety with bulbs 2 to 3 inches across; light green with pure white flesh. Pkt. 10c, oz. 75c, postpaid.

**EARLY PURPLE VIENNA**—Like the above but bulbs purple outside, white flesh. Pkt. 10c, oz. 75c, postpaid.

## LETTUCE

Ask for Prices in Larger Quantities for Commercial Planting.

**CULTURE**—For rich loamy soil. Sow on raised beds 18 inches apart. When large enough thin to 10-15 inches between plants. Irrigate in the furrows between plants and never allow water to get on the leaves.

### Head Lettuce

**NEW YORK SPECIAL**—Produces uniform heads of light green with center leaves bleached to a pure white. Pkt. 10c, oz. 30c.

**ARIZONA WONDERFUL**—Splendid for market or home use. The large crisp, tight heads are a favorite wherever grown. Pkt. 10c, oz. 30c.

**IMPERIAL "152"**—Medium size solid heads. Sure heading, quite hardy and resistant to brown blight. Pkt. 10c, oz. 35c.

**IMPERIAL "615"**—Large heading sort for early spring cutting. Resistant to brown blight. Pkt. 10c, oz. 30c.

**ICEBERG**—Leaves crinkled, crisp and sweet. A fine lettuce for the home garden. Pkt. 10c, oz. 25c, all postpaid.

### Leaf Lettuce

**BLACK SEEDED SIMPSON**—Crisp and very tender. Large crumpled or frilled leaves make a bunch at the center. Pkt. 10c, oz. 20c.

**DENVER MARKET**—For the family garden broadcast on ridges, allowing it to grow thick. Pick as needed. Pkt. 10c, oz. 20c.

**PARIS COS or ROMAINE**—Very crisp and tender. Leaves yellowish white, self blanching. Pkt. 10c, oz. 25c, all postpaid.

## LEEK

**CULTURE**—Sow in seed bed and when large enough to transplant set about 6 inches apart in rows 18 inches apart. One oz. of seed will plant about 150 feet of row.

**LARGE LONDON**—Very hardy, strong, vigorous growth of broad leaves and white stalks about  $1\frac{1}{2}$  inches thick. Pkt. 10c, oz. \$1.00, postpaid.

## MUSTARD

**CULTURE**—Very easy to grow. Sow in fall and during the winter months for greens.

**SOUTHERN CURLED**—Very agreeable flavor. Looks like spinach. True curled leaf variety. Pkt. 5c, oz. 15c.

**OSTRICH PLUME**—Beautiful plumed leaves. Delicious as well as ornamental. Pkt. 5c, oz. 15c.

## ONIONS

**CULTURE**—Sow from September to early winter. Soil must be well drained to produce good bulbs. Sow 1 oz. to 100 feet for onions or 1 oz. to 30 feet for bunching onions. Consult us on what and how to plant.

**WHITE SWEET SPANISH**—Good keeper. We are proud of our strain and the wonderful results it has given.

**UTAH SWEET SPANISH**—Large beautiful globe shaped onions with golden yellow skins and white mild flesh.

**GREAT GREEN BUNCHING ONIONS**—Long tender, sweet. For green onions.

**CRYSTAL WHITE WAX**—Large Bermuda type. Very early and very mild.

**SILVER SKIN**—Average 4 to 6 inches across with thick silvery skin and snow white flesh.

**YELLOW BERMUDA**—Large flat, mild onion. Outer skin a pale straw color. Very hardy.

All Onions: Pkt. 10c, oz. 85c, postpaid.

## ONION SETS

**WHITE or YELLOW Varieties**—Plant one pound to 50 feet of row for dry onions. Lb. 50c, postpaid.

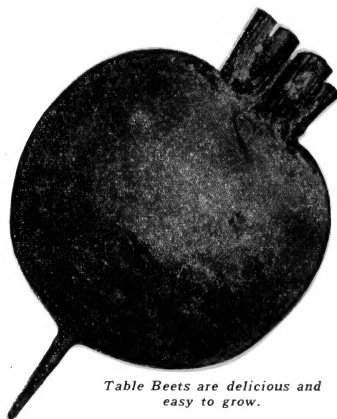


Table Beets are delicious and easy to grow.

## PARSNIP

**CULTURE**—Sow from October to March in rich soil. Rows 15 inches apart. Cultivate like carrots and thin to 4 inches apart. 1 oz. to 100 feet of row.

**HOLLOW CROWNED**—The very best parsnip for either table use or for stock. Pkt. 10c, oz. 25c, postpaid.

## PARSLEY

**CULTURE**—Slow to germinate. We prefer to mulch the seed bed to conserve moisture and speed up germination.

**MOSS CURLED**—Very decorative, fine crisp leaves for garnish and seasoning. Pkt. 10c, oz. 20c, postpaid.

## HERB SEEDS for PLANTING

Herbs require little room in the home garden where a few plants of each kind makes possible infinite variety in flavoring food. Most are perennial and go well in the flower border. We offer the following at 10c per pkt., postpaid.

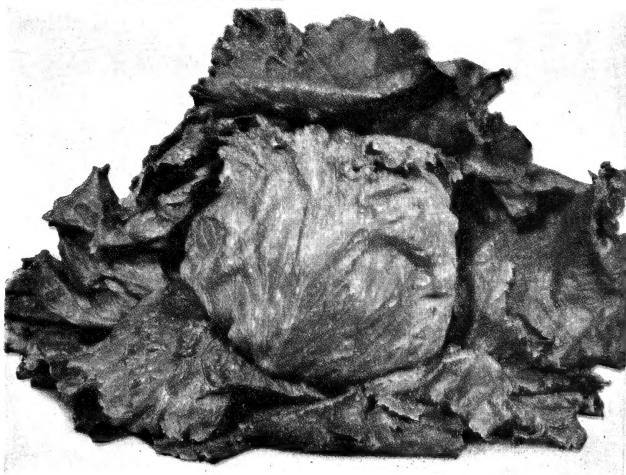
Anise, Sweet Basil, Borage, Caraway, Catnip, Coriander, Dill, Lavender, Sweet Marjoram, Sage, Sorrell, Summer Savory, Saffron, and Fennel.

SAGE—Pkt. 15c.

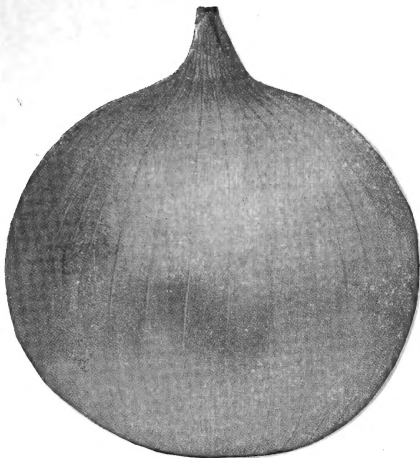
CHIVES—Pkt. 20c.



Cauliflower, Snowball No. 16



Lettuce, Arizona Wonderful



*Sweet Spanish Onion (See page 3)*

## TURNIPS

**PURPLE TOP WHITE GLOBE**—The most popular and the most attractive turnip on the market.

**PURPLE TOP STRAP LEAVED**—Quick grower. Flesh very fine grained and sweet.

**WHITE EGG**—An egg-shaped variety for early or late planting.

**EARLY WHITE FLAT DUTCH**—White flesh, medium size, quick growth.

**GOLDEN BALL**—Round, smooth, yellow turnip of fine quality. Good keeper.

Turnip prices: Pkt. 5c, oz. 15c, 1/4 lb. 50c, postpaid.



*Early Laxton Progress Peas*

## PEAS

**CULTURE**—Plant peas from September to April 1. Peas are hardy and stand a great deal of cold. During cold weather plant seed 1 to 2 inches deep; in the warmer months plant 3 to 4 inches deep. Sixty pounds to the acre is the amount usually used.

Prices on pea seed as follows: Pkt. 5c, 1/4 lb. 15c, 1/2 lb. 25c, 1 lb. 45c, 10 lbs. \$4.00. Postpaid to the 1st, 2nd and 3rd zones.

Write for special quantity prices.

**LAXTON'S PROGRESS** (Early)—Plant September or October.

**HUNDREDFOLD**—An early variety and a great favorite. Plant in September for a fall crop.

**DWARF TELEPHONE**—Planted after the Progress, usually in November for a spring crop.

**GIANT STRIDE** (Improved Stratagem)—A very popular late bush variety.

## RADISHES

**CULTURE**—Sow 1 oz. of seed to 100 ft. of row. Very easy to grow. Sow thinly and often. Keep well watered and cultivated.

**LONG WHITE ICICLE**—The most popular white radish.

**EARLY LONG SCARLET**—Brittle and sweet. Matures early.

**WHITE TIPPED SCARLET TURNIP**—Crisp, tender and sweet.

**EARLY SCARLET TURNIP**—Crisp and juicy.

**CRIMSON GIANT**—Does not get hollow or pithy.

**FRENCH BREAKFAST**—An early variety with good flavor and attractive.

**EARLY SCARLET GLOBE**—Rich scarlet color.

**MIXED RADISH**—A mixture of all the best varieties.

Price on all radishes listed: Pkt. 5c, oz. 20c, 1/4 lb. 50c, 1 lb. \$1.50, all postpaid.

## SPINACH

**CULTURE**—Sow in drills 12 to 18 inches apart and for a succession, plant every two weeks. Cultivate often and keep free from weeds. Sow from September 1 to April, using 1 ounce of seed to 75 feet of row and from 20 to 25 pounds to the acre.

**PRICKLY WINTER, HOLLANDIA** (Broad Leaf)—A splendid fall and winter variety, quick growing with large green leaves. Ask for quantity prices. Pkt. 5c, oz. 20c, 1/4 lb. 50c, 1 lb. \$1.50.

**NOBEL** (GIANT THICK LEAVED)—Pkt. 5c, 1 oz. 20c, 1/4 lb. 50c, 1 lb. \$1.50.

**VIROFLAY**—Large vigorous variety with thick broad deep green leaves. Popular with home and market gardeners. Pkt. 5c, oz. 20c, 1/4 lb. 50c, 1 lb. \$1.50. All postpaid.

**NEW ZEALAND**—A large seeded cut-and-come-again variety. Pkt. 10c, oz. 25c, 1/4 lb. 85c, 1 lb. \$2.50, postpaid.

## Get an Early Start with

## EGG PLANTS, PEPPERS and TOMATOES

Sow seeds in hot beds or cold frames to set out when warm weather is assured.

### EGGPLANT

**BLACK BEAUTY**—Large rich dark purple fruit, early maturing. Pkt. 10c, oz. 75c.

**IMPROVED NEW YORK PURPLE**—Large oval shaped, deep purple fruits. Pkt. 10c, oz. 75c.

### PEPPER

**ANAHEIM CHILI**—Pods about 7 to 8 inches in length. Agreeably pungent. Pods keep for months when dried. Pkt. 10c, oz. 85c.

**CALIFORNIA WONDER**—Best large fruited pepper in existence. Very smooth, heavy and free from wrinkles. Meat thick, tender and of finest flavor. Pkt. 10c, oz. 85c.

**FLORAL GEM**—Favorite hot pepper for pickling. Fruits are green turning to waxy yellow. Red when fully matured. Pkt. 10c, oz. 80c.

**PIMENTO**—For salad parboil to remove skin. Also superior for stuffing and baking. Pkt. 10c, oz. 40c.

### TOMATO

**EARLIANA SELECT**—Popular variety. Very hardy. Solid fruit of fine quality and a good yielder. Pkt. 10c, oz. 60c.

**LIEFGREEN'S No. 498**—An exceptionally good strain of the Earliana type. One of the best of the early tomatoes. Pkt. 10c, oz. 60c.

**CHALK'S EARLY JEWEL**—Nearly as early as the Earliana. Fruit large and fine flavor. Pkt. 10c, oz. 50c.

**DWARF STONE**—Erect habit of growth allowing for close planting. Bright red and very prolific. Pkt. 10c, oz. 50c.

### RUTABAGA

#### OR SWEDISH TURNIP

**IMPROVED VICTORY NECKLACE TOP**—The popular standard variety, both for stock feeding and for table use.

All of the above turnips and rutabagas, price: Pkt. 5c, oz. 20c, 1/4 lb. 60c, postpaid.

## See Our Regular Catalog for Other Varieties

### DOMESTIC PARCEL POST RATES

For the convenience of our out-of-town customers we list many items at postpaid prices.

FOR ITEMS NOT LISTED POSTPAID, CUSTOMER MAY FIGURE RATE FROM CHART BELOW

On Seeds, Plants, Bulbs, Roots, Books, Tools, etc., within the U. S. and Possessions. Weight limit 70 pounds. Local delivery, 1st pound 7c; each additional 2 pounds, 1c.			First Pound or Fraction	Additional Pound or Fraction
First Zone, Phoenix and within 50 miles of Phoenix.....			8c	1c
Second Zone, " within 50 to 150 " " " .....			8c	1c
Third Zone, " 150 to 300 " " " .....			9c	2c
Fourth Zone, " 300 to 600 " " " .....			10c	4c
Fifth Zone, " 600 to 1,000 " " " .....			11c	5c
Sixth Zone, " 1,000 to 1,400 " " " .....			12c	7c
Seventh Zone, " 1,400 to 1,800 " " " .....			14c	9c
Eighth Zone, " all over 1,800 " " " .....			15c	11c

# GLADIOLUS . . . Liefgreen's Selected Bulbs



Plant more Gladiolus bulbs this winter. This beautiful flower thrives exceedingly well when planted from November and on during the winter months.

Gladioli will thrive in almost any soil with the exception of extremely heavy soils. They require full sunlight and are liable to injury only from rank manure. Plant the bulbs 6 to 9 inches apart to a depth of about 4 inches. We recommend free use of water during the season of active growth, particularly as the buds begin to show color, which is beneficial in producing fine flowers. We can furnish Gladiolus bulbs from **November to March**.

The following varieties are all choice selections of **JUMBO HAND-PICKED BULBS**.

(2 for 25c, \$1.25 per doz.  
\$8.00 per 100)

**BEACON**—A truly striking Gladiolus with large ruffled blooms of rich salmon scarlet with large cream throat blotches which intensify the color. Five to seven well faced florets open at the same time.

**BIT O' HEAVEN**—Tall straight spike of deep orange flowers with contrasting orange throat.

**COMMANDER KOEHL** (Pfitzer)—A rich deep toned scarlet. Immense size with large wide open blooms.

**CHIEF MULTNOMAH**—Smoky-lavender. A most unusual and attractive blending of color. Makes a grand spike.

**MARGARET BEATON**—Very fine, with large white flowers each with an attractive red spot at throat.

**MOORISH KING**—Deep mahogany maroon of leather-like texture.

**PELEGRINA**—A new foreign importation of deep violet blue. One of the best of this color.

**VAGABOND PRINCE**—Beautiful bronze red, blotched with orange.



THE FOLLOWING 10c EACH, \$1.00 PER DOZEN, \$7.00 PER 100.

**AMRITO**—Ruffled buff. Beautiful clear glowing buff with wide open well ruffled blooms. A most beautifully colored gladiola.

**BELLA DONNA**—A beautiful shade of medium light blue. Fine spike.

**CHARLES DICKENS**—Tall strong spike of violet-purple flowers. Very fine.

**DEBONAIRE**—Early blooming glad opening LaFrance pink and fading to shrimp pink. Delicate cream throat.

**GATE OF HEAVEN** (Pfitzer)—The richest and deepest large flowered yellow yet produced. Florets beautifully ruffled.

**JOHANN S. BACH**—Salmon red with white median lines. One of the finest of the newer introductions. Excellent for exhibition.

**MINUET**—Clear lavender pink. The leader of its color.

**PICARDY**—Clear beautiful pink of huge size. The most popular gladiolus in the world today.

**RED PHIPPS**—A pure scarlet that does exceptionally well in southern climates. Opens a great number of florets at one time.

**ROSA VAN LIMA**—Makes a nice well-spaced spike of light rose flowers. Throat lighter in color.

**SHIRLEY TEMPLE**—Immense new heavily ruffled cream with cream yellow throat. Nine well placed large massive blooms on a very long spike. Very tall. This is one of the finest varieties on the market and bound to be popular. Every grower should have it.

**MAID OF ORLEANS**—Early—cream white. The pure white florets have cream throats. Many perfect florets are in full bloom at once. It is excellent for exhibition.

## WE CARRY ONLY ONE GRADE OF SEED

—That is the best procurable. We fill all of our own seed packets from fresh seed of the highest purity and germination. Follow our Planting Guide and Cultural Directions as given in our catalog.

**NON-WARRANTY**—We give no warranty, express or implied, as to the productiveness of any seeds or bulbs we sell and we will not be in any way responsible for the crop. Our liability in all instances is limited to the purchase price of the seed.

**ERROR IN FILLING ORDERS**—We use the greatest of care in filling, checking and packing orders. Yet should anything be omitted we will promptly forward when advised. Keep a duplicate copy of your order for comparison.

**ADD 2% TO COVER STATE RETAIL SALES TAX**  
(Customers outside of Arizona need pay no Sales Tax.)

Prices Subject to Change Without Notice.

## Jumbo Gladiolus Collection

One each of the 20 varieties listed.  
All Jumbo Bulbs.

ONLY \$1.50, POSTPAID

## All Gladiolus Sent Postpaid

LIEFGREEN'S SPECIAL ARIZONA

### Extra Choice Jumbo Gladiolus Mixture

Includes all of the fine varieties listed and many others. All are Jumbo Bulbs.

85c PER DOZEN; \$6.00 PER 100. Postpaid.



# LIEFGREEN'S ANEMONES

These lovely flowers are deservedly popular. With an exceedingly wide range of color and color combinations, and an adaptability for both forcing and out door planting, the Anemone is a most useful and satisfactory flower. The plants thrive best in a rather rich, sandy loam, but will do well in most any well drained garden soil. Ready September 1st.

**Culture:** For pot forcing, place six or more in a pot of proportionate size and handle the same as Tulips and Hyacinths, keeping them well watered at blooming time. For outdoor, they are suitable for borders, rockeries and mass bedding. Plant the tubers 6 to 7 inches apart, 2 inches deep, laid flat with the growing knobs upward. Soaking the tubers before planting hastens the blooming. In warm climates, free of heavy freezing Anemones may be planted from early fall to early spring and several plantings will produce a continuous bloom in 4 to 5 months' time. Under colder conditions, a mulching of leaves and litter is necessary and in regions of extreme cold, the tubers should be carried over in a cold frame and planted in the spring. After flowering and the leaves have died off, lift the tubers, dry and store in dry sand until next planting time. In warm climates they may remain in the ground and rested under rather dry conditions.

## Monarch De Caen

**MONARCH DE CAEN**—Mixed colors.

Jumbo Size— $\frac{3}{4}$  to  $\frac{7}{8}$  inch. 85c per dozen, \$6.00 per 100.

No. 1 Large Size— $\frac{3}{8}$  to  $\frac{3}{4}$  inch. 65c per dozen, \$4.50 per 100.

**BLUE POPPY**—A most attractive strain running all shades of beautiful blue. Very large single flowers.

Jumbo Size— $\frac{3}{4}$  to  $\frac{7}{8}$  inch. 85c per dozen, \$6.50 per 100.

No. 1 Large Size— $\frac{3}{8}$  to  $\frac{3}{4}$  inch. 75c per dozen, \$5.00 per 100.

**HIS EXCELLENCY**—Single Red. A grand variety bearing flowers measuring three inches across. Color is of the most vivid vermilion with silver white base and handsome black central boss. Beautiful in center-pieces.

Jumbo Size— $\frac{3}{4}$  to  $\frac{7}{8}$  inch. 85c per dozen, \$6.50 per 100.

No. 1 Large Size— $\frac{3}{8}$  to  $\frac{3}{4}$  inch. 75c per dozen, \$5.00 per 100.

**THE BRIDE**—Single large pure white Anemone with white center.

Jumbo Size— $\frac{3}{4}$  to  $\frac{7}{8}$  inch. 85c per dozen, \$6.50 per 100.

No. 1 Large Size— $\frac{3}{8}$  to  $\frac{3}{4}$  inch. 75c per dozen, \$5.00 per 100.

**ANEMONE ST. BRIGID "CREIGH CASTLE"**—Mixed colors. Large semi-double flowers of the most brilliant hues and shades and colors, including a good proportion of Rose, Pinks, Lavenders and Blues.

Jumbo Size— $\frac{3}{4}$  to  $\frac{7}{8}$  inch. 85c per dozen, \$6.50 per 100.

No. 1 Large Size— $\frac{3}{8}$  to  $\frac{3}{4}$  inch. 75c per dozen, \$5.00 per 100.



*Dutch Iris*



## Liefgreen's Free Blooming DUTCH IRIS

Ready in September

Plant a few of these bulbs for their beautiful, graceful flowers. Dutch Iris are considered by many to be superior to Spanish Iris. They are earlier and larger. Easily grown in full sun or half shaded situations. Valuable for cutting. Plant in rows or clumps about 3 inches deep and 3 to 5 inches apart. The bulbs will naturalize and become stronger and throw larger blooms each season.

**IMPERATOR**—A splendid uniform deep blue.

2 for 25c; 85c per dozen, \$6.00 per 100.

**S. DE VLEGER (Blue Horizon)**—Very broad and strong, light violet-blue standards. Falls soft sky-blue, narrow orange stripe. Large beautiful flower.

2 for 25c, 85c per dozen, \$6.00 per 100.

**YELLOW QUEEN**—Brilliant golden yellow. Very large flower. Striking addition to the garden and exceptionally beautiful as a cut flower.

2 for 25c, \$1.00 per dozen, \$7.00 per 100.

**WEDGEWOOD**—Large clear wedgewood blue. Very tall and vigorous. The earliest of all Iris.

2 for 25c, 85c per dozen, \$6.00 per 100.

**WHITE EXCELSIOR**—Tall, pure white. Flowers wide and very beautiful.

2 for 25c, \$1.00 per dozen, \$7.00 per 100.

**DUTCH IRIS IN MIXED COLORS**—A splendid mixture combination of the very best varieties.

3 for 25c, 75c per dozen, \$5.00 per 100.

All of the Above Postpaid.



*Anemone, Monarch de Caen*



# Liefgreen's Fragrant Freesias

Ready in August

An easily grown, attractive and fragrant flower for both indoor and outdoor culture. Few bulbs flourish in the home window with so little care as do the Freesias, and a single plant in flower will soon fill the room with a most delicate perfume. The new colored varieties are charming and all make excellent cut flowers.

**Freesia Culture:** Freesias may be planted from August 15th, through January. They are easily grown, blossom freely in early spring and the bulbs will multiply and continue blooming for years. The soil should be well prepared, and though they grow well in full sun, they also may be planted in partial shade. All Freesias are fragrant and make good cut flowers.

Plant the bulbs one to two inches apart and cover to a depth of about two inches. In place of a single row place bulbs to make a row three or four inches wide, giving a very nice effect.

Freesias may be left in the ground from year to year or if they are taken up it should be done after the foliage has become entirely cured or dry.

## Gorgeous "Tecolote" Hybrids

The name "Tecolote" has become synonymous with perfection in bulbs. We are offering this strain of giant flowered Freesias in a mixture of delightful colors—every one a superb achievement. For the garden these lovely flowers surpass all the older types. Those who grow Freesias indoors for forcing as cut flowers will marvel at their strong stems and uniform flowering habit. They make excellent cut flowers.

### MIXED COLORS

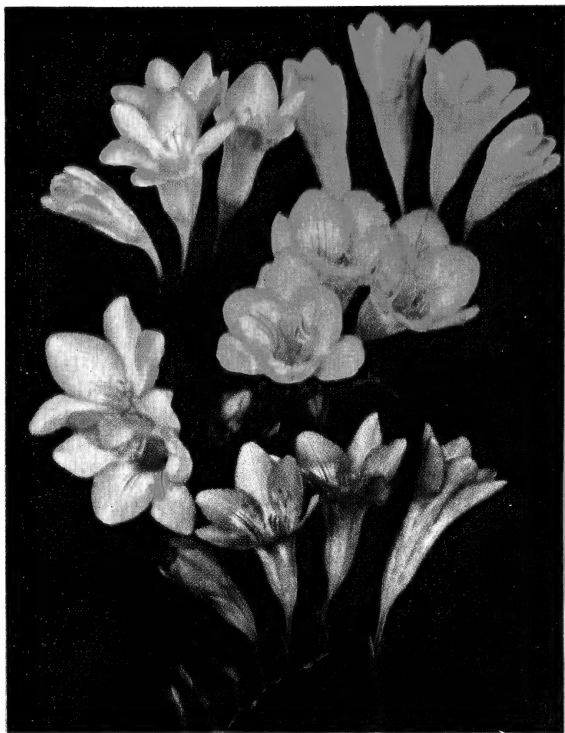
Special top size—75c per dozen, \$2.50 per 50, \$4.50 per 100.  
No. 1 size—60c per dozen, \$2.00 per 50, \$3.50 per 100.

## New "Tecolote" White Freesia

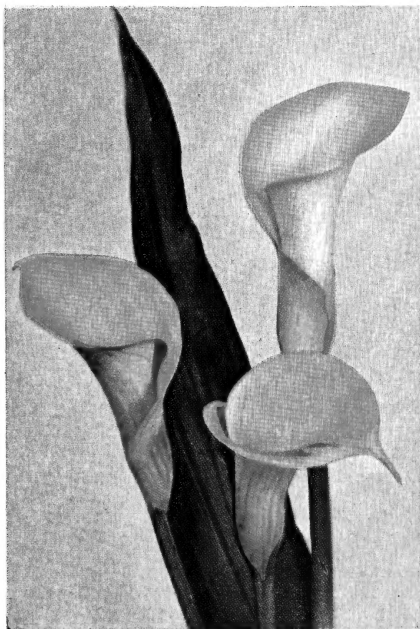
An improved white Freesia with flowers of immense size and superb substance. Delightfully scented snow-white flowers freely produced.

Large size bulbs—75c per dozen, \$2.50 per 50, \$4.50 per 100.  
No. 1 size—60c per dozen, \$2.00 per 50, \$3.50 per 100.

All Bulbs Sent Postpaid



*Liefgreen's Beautiful All-Colored Freesias*



*Pink Calla*

## Calla Lily

The Calla Lily is very popular as a house plant and also excellent for outdoor culture. If grown out of doors plant in a partially shaded location. Bulbs should be taken up every third or fourth year and separated. When dug, dry thoroughly and transplant. In the colder climates bulbs should be taken up for winter.

**AETHIOPICA (White Calla Lily)**—Very large blooms, pure white. Clear dark green foliage. Mammoth size bulbs. 45c each, \$2.50 for 6, \$4.50 per dozen.

**ELLIOTTIANA (Yellow Calla Lily)**—Blooms are large and a beautiful golden-yellow. Bright green leaves with perforations that have the appearance of white spots. Select size. 35c each, \$1.65 for 6, \$3.00 per dozen.

**PINK CALLA LILY**—Flowers rose-pink changing to cerise. Dwarf type. 75c each, 3 for \$2.00.

**ARUM PICTUM (Black Calla Lily)**—Very attractive deep purple—almost black. Handsome foliage. Each 60c, 3 for \$1.65.

SOIL LEVEL	
1 in.	PLANT IN RAILED BEDS IN SPRING IN COLD CLIMATES
2 in.	RANUNCULUS SCILLA IXTA ANEMONE SPARAXIS
3 in.	YELLOW WHITE CALLA CALLA CAMPANULATA TRITONIA LEUCOCORYNE MUSCARI ORNITHOGALUM AUREUM BABY GLADIOLUS
4 in.	AETHIOPICA ORNITHOGALUM ARABICUM WATSONIA FREESIA DUTCH IRIS
5 in.	JONQUILS NARCISSUS POETICUS ORNATUS NARCISSUS KING ALFRED NARCISSUS PAPER WHITE NARCISSUS SOLEIL D'OR LEUCOCUM DARWIN TULIPS
6 in.	
7 in.	
8 in.	
9 in.	
10 in.	

# DAFFODILS and NARCISSUS

All varieties are easy to grow and are very popular as cut flowers because of their splendid keeping qualities. They may be grown in cultivated beds or borders or in the shrubbery border where they may be allowed to naturalize. While they prefer partial shade, they will thrive in full sun. Plant from late September through January in any good garden soil, covering to a depth of 5 inches.

All Narcissus may be grown in bulb fibre and culture is the same as for Hyacinths.

## Trumpet Daffodils

**KING ALFRED**—This is one of the largest flowers and longest stemmed varieties now being offered. The flowers are pure yellow, the trumpet is slightly frilled and usually 3 or 4 flowers are produced from each bulb.

**Jumbo Bulbs**—20c each, \$1.35 for 6, \$2.50 per dozen, 18.00 per 100.

**Extra Large Bulbs**—20c each, \$1.10 for 6, \$2.00 per dozen, \$14.00 per 100.

**SPRING GLORY**—Yellow trumpet with creamy white perianth. Large bold flower of exceptional beauty.

**Large bulbs**—15c each, \$1.50 per dozen, \$11.00 per 100.

**EMPEROR**—Brilliant golden yellow flowers of immense size, with wide over-lapping perianth. Extra fine.

**Large bulbs**—15c each, \$1.50 per dozen, \$11.00 per 100.

## Chinese Sacred Lily

### Large Blooming Size

Chinese Lilies are wonderfully attractive as house ornaments and well deserve a place in the home of every lover of plants. The flowers are pure white with yellow cup. May be planted in the open ground or in bowls. After plants are through blooming in the home all Narcissus may be planted out of doors, and will bloom the following year. Culture of Chinese Lilies the same as for Paper Whites. Fancy, sound bulbs. 15c each, 85c for 6, \$1.75 per dozen.

## Paper White Narcissus

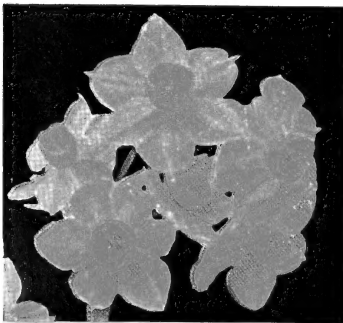
### True Grandiflora Type

Everyone knows the Paper White Narcissus. As a quick-growing bulb it has no equal. The flowers are pure white and very fragrant, produced on long, stiff stems. They can be forced into bloom in from 6 to 8 weeks' time, and by planting at intervals of four weeks apart you will have a succession of blooms throughout the fall and winter season. When grown in water, place the bowl in a dark cool place until sprouted 3 or 4 inches. Then move to light location and you will have blooms in a few weeks. Narcissus enjoys a cool temperature as warmth tends to grow excessive foliage. A small amount of charcoal in the water will tend to keep it cool and sweet. **Large Size Bulbs**—15c each, \$1.25 per dozen, \$9.00 per 100.

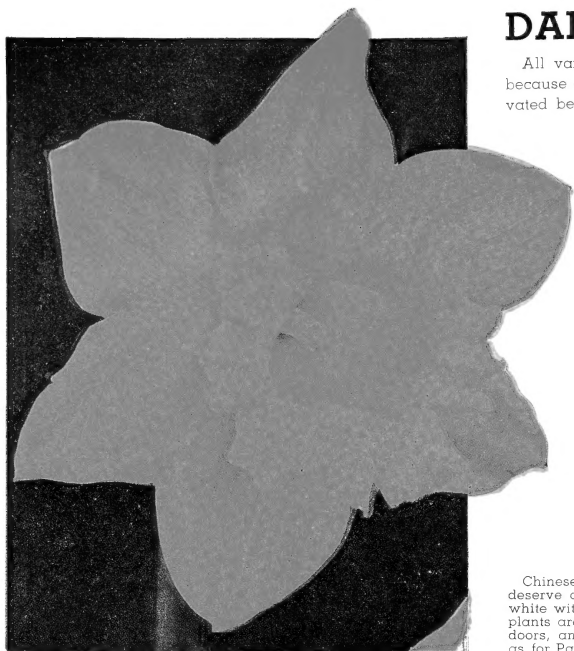
## Soleil d'Or

### Yellow Paper White Narcissus

Beautiful golden yellow flowers with deep orange cup. Can be bloomed just as easy as the Paper White Narcissus in bowls or out of doors. 15c each, 85c for 6, \$1.50 per dozen, \$11.00 per 100.



Soleil D'Or



King Alfred

## Jonquil

A species of Narcissus with very fragrant flowers; excellent for cutting. Culture same as for Narcissus.

**JONQUIL—Campenelle Giant Single**—The largest and finest single Jonquil; color pure yellow; very fragrant. 15c each, \$1.25 per dozen, \$9.00 per 100.

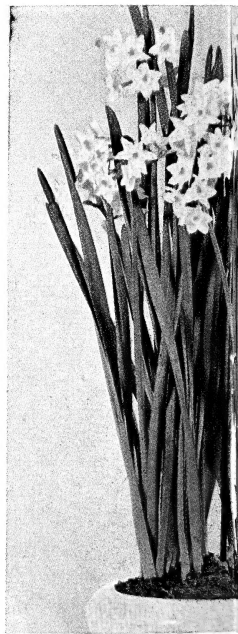
## Leedsii (Long Crowned) Narcissus

**HERA**—Creamy white star-shaped perianth of broad petals and the deeply frilled cup of creamy white with a dainty edging of light primrose makes one of the most chastely beautiful of all daffodils.

**No. 1 round bulbs**—15c each, \$1.25 per dozen, \$9.00 per 100.



Spring Glory



Giant White Lilies

## 'Giant Tecolote' Ranunculus

By far the most magnificent strain of Ranunculus ever offered to the public. Flowers very double, blended with semi-double. Centers are usually light green. Our mixture contains a beautiful range of colors. Do not confuse them with the cheap kinds offered at bargain prices. All sizes as offered are strictly up to standard.

**Culture:** In warm climates, Ranunculus may be planted in early fall for winter bloom and from that time in succession until spring. For pot grown winter flowers, plant early in fall, water thoroughly and plunge in ashes or sand until they are sprouted.

The bulbs resemble tiny clumps with finger-like projections which should be planted pointed down. Soak the bulbs in water 2 hours and cover about 2 inches deep, 4 to 6 inches apart, and if soil is at all heavy, cover with peat moss in order that leaves will push through readily without heaving the soil. A rich under-soil is desirable, but use no fresh fertilizer around the bulb. Plant in a partly shaded location, particularly if grown for blooming in late spring or early summer, otherwise if planted in locations like the Phoenix, Arizona, valley during the fall months, in a sunny, open location. An abundance of water and good drainage are essential.

**JUMBO SIZE**—1 inch up. Extra large bulbs. Mixed colors. 10c each; \$1.00 per dozen; \$7.50 per 100.

**No. 1 SIZE**— $\frac{5}{8}$  to  $\frac{3}{4}$  inch. Mixed colors. 60c per dozen; \$4.00 per 100.

**No. 2 SIZE**— $\frac{1}{2}$  to  $\frac{5}{8}$  inch. Mixed colors. 35c per dozen; \$2.50 per 100.

### SEPARATE COLORS

**GOLD SHADES**—Colors running from straw through the entire range of yellow to deep golden yellow.

**RED SHADES**—Colors of dark crimson, scarlet, and all other shades of red.

**PINK SHADES**—A Giant Tecolote that contains all shades of pink from light to deep rose.

**BRONZE SHADES**—Beautiful and exquisite shades of rich orange.

**WHITE SHADES**—A beautiful waxy white of extra large size. Blooms almost 100% pure white with the exception of an occasional off-white, cream or light yellow.

Prices for separate colors: 7c each, 75c per dozen, \$5.25 per 100.

All bulbs sent postpaid.



Giant Tecolote Ranunculus

## Muscari—Grape Hyacinth

Ready in October

**HEAVENLY BLUE**—The flowers appear in dense clusters resembling miniature Hyacinths. They are bright blue in color. 15c for 2, 65c per dozen, \$4.75 per 100. (Postpaid)

## Amaryllis

LIEFGREEN'S NEW GIANT AMERICAN HYBRID

**HIPPEASTRUM grandiflora**—The finest strain producing vigorous stems with from four to six giant blooms of the most perfect form. Colors range from white with varied markings of pink, rose, red and crimson; also brilliant reds, crimson, cherry and almost maroon. Jumbo Size—80c each, 3 for \$2.10, 8.00 per dozen.

**BELLADONNA Major**—Luxuriant foliage during fall, winter and spring. In late spring the foliage dies off and during the summer months the flower stalks rise from the bare ground with umbels of lovely rose-pink ilies. Flowers are fragrant and keep well. The bulbs should be planted during the late fall and winter and spring months.

Large size bulbs—35c each, \$3.00 per dozen, postpaid.

**JOHNSONI**—Brilliant red and very large flowers. One of the very finest. Very seldom fail to bloom. 60c each, 3 for \$1.50, \$5.50 per dozen, postpaid.



Narcissus



Muscari

## Ornithogalum Arabicum (Star of Bethlehem)

Throws up a tall stem with a cluster of star-shaped flowers; pure white with dark centers. Excellent for cutting, lasting a long time in water. Culture in the house about the same as for Hyacinths. 25c for 3, 85c per dozen, \$6.00 per 100. Postpaid.



Hippeastrum Amaryllis

# LIEFGREEN'S GIANT SPENCER SWEET PEAS

## HOW TO GROW SWEETS PEAS

SWEET PEAS are so well known they need no description. We offer only the Giant Flowering Spencer strain in both the Early Flowering and the Spring Flowering types.

**CULTURE:** Sow seed in a location that receives morning and early afternoon sun. Seed may be planted from early fall to early spring. Dig a trench about a foot wide and deep and fill in with 6 inches of well-rotted manure. Mix a liberal amount of manure with the soil that has been removed and replace it. Flood bed thoroughly and allow to stand several days before planting seed. After the soil has settled sufficiently, open a trench in the bed about 6 inches deep and plant ONE OUNCE of seed to about 20 or 25 feet of row. During the warm weather cover seed about 2 or 3 inches deep and in cooler weather about 1 inch is sufficient. CARE MUST BE TAKEN DURING WARM WEATHER NOT TO ROT THE SEED WITH TOO MUCH MOISTURE. After planting seed soak the trench thoroughly and cover top with a light mulch of peat moss to prevent the surface soil from drying out and cracking. When the plants are up about 3 or 4 inches thin out to about 4 inches apart and begin drawing the earth to the plant to insure a deep root system. This makes a trench on each side of the plant along which the plant is watered. Provide a trellis or proper support as the vines attain great height. Frequent cultivation, water as needed after plants are up and occasional applications of Sweet Pea Food or a good all-purpose commercial fertilizer, will insure a profusion of lovely blooms. A long blooming season may be had by keeping the blossoms picked.

### Inoculate Seed with LEGUME-AID

LEGUME-AID is a NITROGEN-fixing bacteria for inoculating legume seed, such as SWEET PEA SEED, LUPINS, etc. Legume-Aid increases the yield, improves the quality and enriches the soil. It comes in dust form in moisture-proof packages and no water is needed. One garden packet inoculates up to 5 pounds of Sweet Peas, Lupins, Beans or garden peas.

Pkt. 10c, postpaid.

### CUPID SPENCER SWEET PEAS

Sweet peas in bush form. Lovely large blooms of true Spencer type, borne profusely on small trailing plants growing not more than 9 inches tall. Grand for borders and massing. Light shades, bright pink predominating. Pkt. 15c, ½ oz. 25c, 1 oz. 40c, ¼ lb. \$1.25.



Spencer Sweet Peas

## Liefgreen's Giant Early Flowering Spencer Sweet Peas

Plant the Early Flowering type sweet peas in the early fall and winter months for early winter and early spring blooming. Again early in the spring months for later spring blooming. This type sweet pea blooms from four to six weeks earlier than the Spring Flowering Spencers. The plant starts climbing immediately after germination. We offer the very latest and finest types adaptable to Arizona climate.

- AMETHYST—Royal purple.
- BALL'S ROSE IMPROVED—Rich, deep rose pink.
- CREAM—Rich soft deep cream.
- COLUMBIA—Bicolor. Salmon rose, white wings.
- EXPOSITION PINK—Gorgeous rich pink.
- HOPE—Pure glistening white.
- LAVANDA—Pure clear lavender.
- MARINER—Clear marine blue.
- MARS—Bright crimson red.
- MEMORY—Rosy lavender.
- PRIDE—Cerise, long stems.
- OTHELLO—Maroon.
- SEQUOIA—Golden cerise.
- SHIRLEY TEMPLE—Very large, frilled, soft rose pink.
- SKIPPY—Light salmon pink.
- TRIUMPH—Lilac mauve.
- VALENCIA—Sunproof orange.

Each: Pkt. 15c, ½ oz. 35c, oz. 65c, ¼ lb. \$2.00.

## Liefgreen's Giant Spring Flowering Spencers

Plant in a sunny location for blooming during the spring months. Will bloom from four to six weeks later than the Early Spencers. Planted during the early fall and winter months, they make a growth of only about 6 to 8 inches with numerous tendrils at the base which rapidly climb during the warm early spring months. Our selection of this type is the latest and finest varieties grown:

- BLANCHE FERRY—Bicolor. Bright red and white.
- CHIEFTAIN—Satin lilac mauve.
- CHINESE BLUE—Rich deep blue.
- CREAM GIGANTIC—Largest deep soft cream.
- DAMASK ROSE—Deep rose.
- JACK HOBBS—Flushed scarlet pink on cream ground.
- JUMBO—Deep cerise.
- KING LAVENDER—Clear pure lavender.
- OLYMPIA—Rich purple.
- PINKIE—Clear bright pink.
- PIRATE OF GOLD—Golden orange.
- RED SUPREME—Deep crimson. Very bright.
- SMILES—Salmon shrimp pink.
- WARRIOR—Maroon.
- WHITE GIGANTIC—Large pure white.
- YOUTH—Large white, pink picotee edge.

Each: Pkt. 10c, ½ oz. 25c, oz. 45c, ¼ lb. \$1.50.

### SPECIAL MIXTURE

Special Early Flowering Spencer Mixture

Containing the very finest varieties.

Pkt. 10c, ½ oz. 25c, oz. 45c, ¼ lb. \$1.35, 1 lb. \$4.50.

### SPECIAL SWEET PEA COLLECTIONS

8 15c pkts. \$1.00

GIANT EARLY FLOWERING SPENCER SWEET PEAS

1 pkt. each of the following colors of named varieties listed above: Blue, Pink, White, Lavender, Salmon, Red, Orange, Cerise.

12 10c pkts. \$1.00

GIANT SPRING FLOWERING SPENCER SWEET PEAS

1 pkt. each of the following colors of named varieties listed above: Blue, Pink, White, Lavender, Salmon, Red, Orange, Cerise, Purple, Cream, Picotee, Maroon.

### SPECIAL MIXTURE

Special Giant Spring Flowering Mixture

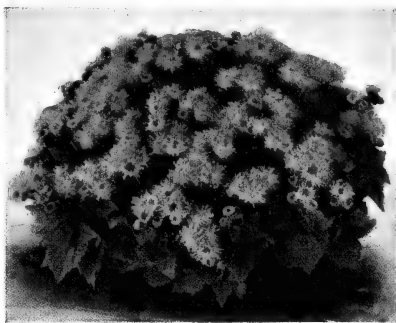
All the best varieties and many of the newest.

Pkt. 10c, oz. 30c, ¼ lb. 90c, 1 lb. \$3.00.

# PLANT LIEFGREEN'S FLOWER SEEDS



*Calendula, Campfire Improved*



*Ageratum, Midget Blue*



*Liefgreen's Giant  
Snapdragon*

## General Planting Suggestions

Light, rich loamy soil is best suited to flowers. If the soil is of a heavy nature, add sand or peat moss and a liberal scattering of air-slacked lime to form a better texture. Prepare the soil as fine as possible. The depth of planting flower seeds is very important. Very fine seeds should be planted on the surface and pressed into the soil, then sprinkle over the surface a light mulch to aid germination. Medium sized seeds should be planted  $\frac{1}{4}$  to  $\frac{1}{2}$  inch deep, while larger seeds such as Sweet Peas, should go deeper. A light mulch should be spread over all seeds planted, as it is the best method of keeping the soil moist and cool. Water with a fine spray to avoid washing the soil from the seeds. When large enough, thin young plants from 2 to 12 inches apart, depending on the variety. Give them plenty of room to develop, allow plenty of moisture and good drainage and the results will surprise you.

### AGERATUM

**MIDGET BLUE**—(All-America Silver Medal.) This is an ideal annual edging for flower beds and for borders. The flowers are fluffy bright azure-blue, growing in clusters and entirely covering the plants. Height about 4 inches. Pkt. 25c, 5 pkts. \$1.00.

**BLUE PERFECTION**—A very fine bedding sort, compact and large flowered. Color a deep amethyst blue. Height 1 ft. Pkt. 10c,  $\frac{1}{4}$  oz. 35c, oz. 90c.

### African Daisy (Dimorphotheca Aurantiaca)

One of the best winter flowering annuals. The bright daisy-like flowers appear on stems about a foot high and cover beds, borders and parkings with a mass of blooms. Blooms within six to eight weeks.

**NEW ORANGE IMPROVED**—Large flowers, bright deep orange. Pkt. 10c,  $\frac{1}{4}$  oz. 40c, oz. \$1.25.

**GLISTENING WHITE (New)**—Dazzling white petals with blue-black center. Pkt. 15c,  $\frac{1}{4}$  oz. 75c,  $\frac{1}{4}$  oz. \$1.25.

**HYBRIDS**—Mixed colors ranging from white, light pink, apricot, yellow and orange. Pkt. 10c,  $\frac{1}{4}$  oz. 40c, oz. \$1.25.

### SWEET ALYSSUM

Invaluable as a border plant. Annual. Plant from early fall to late spring. Blooms within six to eight weeks.

**VIOLET QUEEN (NEW)**—Dwarf, bright violet. Really beautiful. Pkt. 15c,  $\frac{1}{4}$  oz. 35c,  $\frac{1}{4}$  oz. 65c, oz. \$1.25.

**LITTLE GEM**—Dwarf, white; free blooming. Pkt. 10c,  $\frac{1}{4}$  oz. 25c, oz. 75c.

**LILAC QUEEN**—Dwarf, deep lavender. Pkt. 10c,  $\frac{1}{4}$  oz. 40c, oz. 75c.

**MIXED SWEET ALYSSUM**—A well blended mixture of dwarf varieties. Pkt. 10c,  $\frac{1}{4}$  oz. 40c, oz. 75c.

### Semi-Dwarf Snapdragon

**LIEFGREEN'S SEMI-DWARF VARIETIES MIXED**—Height about 15 inches. Equally as lovely as the tall. Pkt. 20c.

### GIANT SNAPDRAGON (ANTIRRHINUM)

#### Liefgreen's Arizona Giants

A tall large flowering type particularly valuable as cut flowers. We offer the following separate colors as well as mixed.

**SHASTA**—Pure white.

**DEFIANCE**—Dazzling scarlet.

**YELLOW JACKET**—Deep yellow.

**BRONZE HARMONY**—Terra cotta orange.

**BRILLIANT ROSE**—True rose pink.

**WALLFLOWER RED**—Pure wallflower red.

Named varieties as above—Pkt. 20c.

**LIEFGREEN'S SPECIAL MIXTURE TALL GIANT**

**FLOWERING SNAPDRAGON**—A well balanced mixture of the above colors and many others. Pkt. 15c.

### Bachelor Button or Cornflower

(*Centaurea Cyanus*) Hardy annual requiring little care. Height 12 to 14 inches. Nice as a cut flower alone or in mixed bouquets.

**FLORIST'S BLUE**—Large flowers, bright deep blue. Pkt. 10c, oz. 60c.

**MIXED COLORS**—Light and dark blues, white, rose-pink and light red shades. Pkt. 10c, oz. 60c.

### CALENDULA

(*Pot Marigold*) One of the most popular and showiest of the winter and spring blooming flowers. Used for beds, borders and cut flowers. Plant from September throughout the winter and early spring months. Height about 12 to 18 inches. Thin to 12 inches apart.

**CAMPFIRE SENSATION IMPROVED**—Extra large, deep orange with scarlet sheen. Pkt. 15c,  $\frac{1}{4}$  oz. 30c, oz. 90c.

**CHRYSANTHA FLOWERED**—Resembling a chrysanthemum in an exquisite buttercup yellow. Pkt. 10c,  $\frac{1}{4}$  oz. 40c, oz. 75c.

**ORANGE SHAGGY**—Petals deeply fringed and overlapping. Bright orange. Pkt. 10c,  $\frac{1}{4}$  oz. 40c, oz. 75c.

**ORANGE KING**—Deep orange red with dark center. Large flowers. Pkt. 10c, oz. 40c.

**LEMON QUEEN**—Rich clear lemon yellow with dark center. Large flowers. Pkt. 10c, oz. 45c.

**APRICOT QUEEN**—Soft apricot shaded orange. dark center. Pkt. 15c,  $\frac{1}{4}$  oz. 40c, oz. 75c.

**DOUBLE MIXED CALEDULAS**—Large flowers, long-stemmed varieties and colors. Pkt. 10c, oz. 40c.

### Calliopsis

Showy and beautiful free-flowering annual thriving in most any location except complete shade. Have a long blooming period and make lovely bouquets. Plant from September to May. Height 2 to 3 feet.

**BI-COLOR DWARF MIXED**—Yellow with dark center. Pkt. 10c, oz. 45c.

### Carnation

Plant from September until April. Cover seed lightly and protect until established. Transplant to about 12 inches apart. Perennial if in semi-shade during the summer months. Height about 12 inches.

**MARGUERITE MIXED**—Flowers mostly double in an excellent range of colors. Pkt. 10c,  $\frac{1}{4}$  oz. 50c, oz. \$1.75.

**CHABAUD'S GIANT FLOWERING IMPROVED**

—A magnificent strain and one of the largest carnations grown. Ten to 20 stalks to the plant. About 95 per cent double. Height 18 to 24 inches. Pkt. 20c,  $\frac{1}{4}$  oz. \$1.00,  $\frac{1}{4}$  oz. \$1.75.

### Candytuft

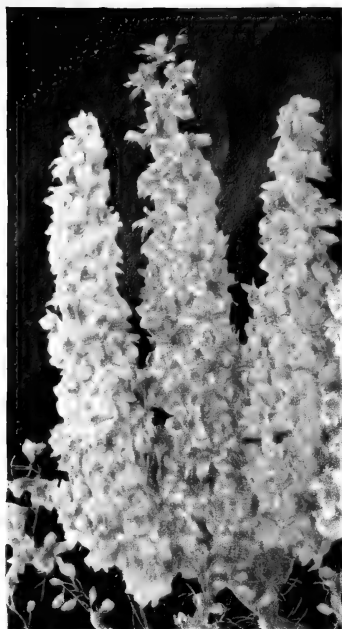
A hardy annual producing large flower clusters resembling hyacinths. Plant during the fall, winter and early spring months. Height 12 to 18 inches. Fine for borders or cutting.

**UMBELLATA MIXED**—Pkt. 10c, oz. 40c.

**GIANT WHITE HYACINTH FLOWERED**—Pure white. Pkt. 10c,  $\frac{1}{4}$  oz. 60c, 1 oz. \$1.00.

### Canterbury Bells

Generally a biennial but will bloom in Arizona the first spring if planted early in the fall months. Large bell-shaped flowers on strong growing plants. An old favorite. Height 2 ft. Mixed colors: Pkt. 10c,  $\frac{1}{4}$  oz. 40c, oz. \$1.25.



Larkspur

### Centaurea Moschatos

**SWEET SULTAN**—The large thistle-like blossoms are a well known favorite growing to a height of 2½ feet. Colors range from deep lavender, rose, pink, yellow and white. Plant in the open during the fall months.

**MIXED COLORS**—Pkt. 10c, ¼ oz. 30c, oz. 90c.

### Chrysanthemum (Annual)

Plant seed during the spring months and disbud for large blooms.

**SINGLE and DOUBLE MIXED**—Many bright shades and varieties. Pkt. 10c, ½ oz. 35c, oz. 60c.

### Clarkia

A hardy annual very popular as it thrives well in semi-shady locations. Handsome flowers on leafy stems—nice for beds or cutting. Height 18 inches. Plant in the fall or early spring.

**SINGLE and DOUBLE MIXED**—Many colors ranging from bright crimson, orange, salmon, pink and purple. Pkt. 10c, ¼ oz. 35c, oz. \$1.00.

### Columbine

(*Aquilegia*)—Plant in semi-shade during the fall and winter months. Will make vigorous plants with delicate lacy-like foliage and bloom abundantly the following spring. Perennial. Height about 2 to 3 feet.

**LONG-SPURRED HYBRIDS**—A superb strain producing very beautiful large flowers in all shades of blue, lavender, yellow, rose and white. **Mixed Colors**: Pkt. 15c, 1/16 oz. 40c.

### Coreopsis

Plant seed during the fall and winter months in any location except all shade. The lovely golden yellow flowers have a long blooming period throughout the spring and early summer months. Height 2 feet. Nice for cutting. Annual.

**NEW DOUBLE SUNBURST**—Large double flowers. Very bright and showy. Pkt. 10c, ½ oz. 75c.

**ARIZONA SUNBEAM**—Very large golden flowers. Single. Pkt. 10c, ½ oz. 30c, oz. 50c.

### DAHLIAS

**UNWIN'S DWARF HYBRIDS MIXED**—Miniature semi-double flowers of charming color. Height 18 to 24 inches. Sow seed in beds or flats and transplant to permanent location. Pkt. 25c.

### Shasta Daisy

A perennial which may be planted from early fall until late spring.

**ALASKA**—The best large flowered single variety. Long, strong stems. Pkt. 10c, ¼ oz. 40c, ¼ oz. 65c.

**GIANT DOUBLE (DIENER'S STRAIN)**—Very large and about 80% very double, resembling a delicate shaggy chrysanthemum. New and unusual. Pkt. 25c.

### Painted Daisy

(Annual *Chrysanthemum*)—Daisy-like flowers are varied and many colored. Large blooms on long stems, making them particularly valuable for cut flowers. Plant during the fall months. Height to about 2½ feet. All colors mixed: Pkt. 10c, oz. 45c.

### Dianthus

(Chinese Pinks)—Hardy annuals, bearing beautifully colored single and double blossoms. Grows about 12 inches high. Plant early in the fall in rows where plants are to remain. Thin to 8 inches apart.

**HEDDEWIGI DOUBLE MIXED**—All colors in scarlet, pinks, and white. Pkt. 10c.

**HEDDEWIGI SINGLE MIXED**—Fine selection of colors. Pkt. 10c.

### Delphinium

(Perennial Larkspur)—Tall spikes heavily flowered. Sow seed during the early fall months in the open where they will receive high shade during the flowering period. Height 3 feet.

**BELLAMOSUM**—A deep royal blue. Pkt. 15c, ½ oz. 45c.

**GOLD MEDAL HYBRIDS**—A mixture of lovely blues, lavender and mauve shades. Pkt. 15c, ½ oz. 30c.

### Gaillardia

Effective and showy summer flowering plants for bedding, borders and for cutting. Sow seed from early fall on through the spring months for a succession of blooms throughout the spring and summer months. Annual. Height 1½ feet.

**SINGLE and DOUBLE MIXED**—Very large flowers in splendid combinations of crimson, red, yellow and gold. Pkt. 10c, ¼ oz. 25c.

**THE DAZZLER**—A vivid orange red with outer edge of petals a golden yellow. Very large. Pkt. 15c, ¼ oz. 50c.

**INDIAN CHIEF**—Large flowered and single. Metallic bluish red with mahogany-brown center. Pkt. 15c, ¼ oz. 25c.

### Gerbera

(*Jamesonii Hybrids*)—Large daisy-like flowers with 2-foot stems. Also called Transval Daisy. Beautiful color range. Sow seed carefully under a light mulch in sandy, well-drained soil. Pkt. 25c.

### Geum

Plant seed in the spring for a long blooming period during the summer. Flowers in small clusters on long sturdy stems. Perennial.

**MRS. BRADSHAW**—Double. Bright red. Pkt. 15c.

**MIXED VARIETIES**—Orange, red and yellow shades. Pkt. 15c.

### Geranium

Will bloom the first year from seed if planted early in the fall. Mixed colors of numerous shades including many of the newer sorts. Pkt. 25c.

### Godetia

Very lovely annual plants specially suited for semi-shady locations. The flowers are bright and colorful somewhat resembling the Azalea in form. Stems are long, making them valuable for cut flowers.

**TALL DOUBLE MIXED**—Many colors including crimson, salmon, pink and white. Pkt. 10c, ¼ oz. 30c.

### Gypsophila

(Baby Breath)—The light feathery sprays of tiny flowers are very popular for mixing with other flowers. Sow seed during the fall months where they are to remain. Height about 18 in. Pkt. 10c, oz. 35c.

**ELEGANS GRANDIFLORA**—Pure white. Pkt. 10c, oz. 35c.

**ELEGANS CARMINE**—A beautiful deep carmine in color. Pkt. 10c, oz. 60c.

### Hollyhocks

Indispensable wherever height and color are required in the garden. Seed sown in the fall should bloom throughout the following season.

**DOUBLE MIXED HOLLYHOCKS**—Selected seed from choice double flowers. Pkt. 10c, ¼ oz. 60c.

**HOLLYHOCK INDIAN SPRING**—Semi-double flowers of bright rose and rosy carmine. Sow in fall or early spring. Flowers in 5 months from seed. Pkt. 15c, ¼ oz. 65c.

### LARKSPUR

Few annuals in our gardens equal the Larkspur in usefulness and charm. Height 3 to 4 feet. Sow seed during the fall months for a long continuation of bloom in the spring.

**GIANT DOUBLE STOCK FLOWERED LARKSPUR**—Separate colors of Light Blue, Dark Blue, Rose, Lilac, White and Lustrous Carmine. Each color. Pkt. 10c, ¼ oz. 35c, oz. \$1.00.

**DOUBLE STOCK FLOWERED MIXED COLORS**—All of the above colors and many more varieties in a grand mixture. Pkt. 10c, ¼ oz. 30c, oz. 90c.

**GIANT IMPERIAL LARKSPUR—Superb Mixed**—A superior strain, upright in habit, branching from the base. Very double. All colors. Pkt. 15c, ¼ oz. 35c, oz. \$1.00.

### Linaria

(Baby Snapdragon)—Pretty annuals; attractive in beds and as cut flowers. Plant through the fall, winter and spring months. Height 2 feet. **Mixed Colors**—Include blue, rose, lavender, yellow, etc. Pkt. 10c, ½ oz. 40c, oz. 75c.

### Linum

(Scarlet Flax)—A hardy annual of slender and graceful appearance with fine foliage and bright red flowers. Fine for borders and mass display. Plant during fall, winter and spring months. Pkt. 10c, oz. 50c.

**LINUM PERENNE (Blue Flax)**—Like scarlet flax but producing a profusion of deep blue flowers. Pkt. 10c.

### Lobelia

(Crystal Palace)—Plants very compact, profusely covered with rich blue flowers. Reddish foliage. Height 4 inches. Excellent for borders. Sow during fall months. Pkt. 15c.

### Lupin

Exceedingly attractive annual and easily grown. The handsome spikes covered with a profusion of blooms grow to a height of 2 to 3 feet. Plant during the fall, winter and spring months. Thin to about 12 inches apart. Semi-shade.

**HARTWEGI**—Dark Blue. Sky Blue. Roseum Pink and Mixed colors. Each: Pkt. 10c, oz. 50c.

### Mignonette

A hardy annual growing from 6 to 12 inches high. Can be grown in shady places. Plant during the fall, winter and spring months. **Giant Machel Mixed**—Pkt. 10c.

### Nemophila

(Baby Blue Eyes)—Nice for carpet bedding, growing about 6 inches high. Blossoms cup-shaped.

**INSIGNIA BLUE**—Pkt. 10c, oz. 40c.

### Nierembergia

(Hippomanica)—Plants form a dense mat, 6 in. high, 1 ft. or more across and are thickly covered with beautiful lavender blue cup-shaped flowers. Plant during the fall and winter months. Highly recommended. Pkt. 25c.

### Nigella

Hardy annual, 1 foot high, oddly shaped blossoms, elegant foliage. Sow during fall and winter months.

**MISS JEKYLL**—A long-stemmed sort with beautiful cornflower-blue blossoms. Pkt. 10c, ½ oz. 40c, oz. 75c.

### Pyrethrum

**ROSEUM**—Height 2 feet. Plant during the fall and winter months.

**SINGLE MIXED**—Pkt. 10c.



# Quality Always . . .

## PANSIES

PANSIES are so well known they need no description. For successful germination and lovely blooms, prepare the soil carefully. Plant seed during the fall months in a semi-shady location, in well moistened, finely pulverized soil, enriched with a slight amount of barnyard fertilizer or bone meal. Cover seed lightly and firm soil. Keep beds moist but not soaking wet until plants are up. Transplant to 8 to 12 inches apart. Water young plants very sparingly to avoid damping off, but do not allow soil to dry out at any time. Annual.

### STEELES GIANT MASTODON JUMBO MIXED

This is the original strain from Steele's Pansy Gardens and are the largest and most beautiful pansies grown. Many colors and color combinations. Stems very long and strong, standing well above the foliage. Pkt. 50c, large pkt. \$1.00, 1/16 oz. \$2.25, 1/8 oz. \$3.50, 1/4 oz. \$6.00.

### GIANT SUPER MAPLE LEAF MIXED

One of the largest pansies grown. Immense flowers, long stems and brilliant colors. Large pkt. \$1.00, half size pkt. 50c, 1/16 oz. \$1.50, 1/8 oz. \$2.75, 1/4 oz. \$5.00.

### LIEFGREEN'S SPECIAL LARGE FLOWERED SWISS GIGANTS

Large size flowers of excellent uniform quality on long, strong stems. All colors and color combinations represented. Many frilled and sweet scented. Pkt. 25c, 1/16 oz. \$1.50, 1/8 oz. \$2.50, 1/4 oz. \$4.00.

### LIEFGREEN'S FINE MIXED PANSY

Medium size blooms, extremely free flowering. Especially desirable for larger beds and borders where a mass of color rather than size of the individual bloom is wanted. A full range of color. Pkt. 15c, 1/8 oz. \$1.50, 1/4 oz. \$2.50.

## NASTURTIUMS

Plant in February and March for spring flowers and early in the fall in protected places for fall blooming. Nasturtiums prefer dry, rather rocky soils such as we usually call "poor" soil and bear their flowers in such locations in greater profusion than in a rich soil, where they run too much to foliage.

### NEW SEMI-DOUBLE SWEET-SCENTED NASTURTIUMS

**SCARLET GLEAM**—Bright red extra large flowers. Bush type which throw out runners 12 to 18 inches. Pkt. 10c, oz. 35c.

**GOLDEN GLEAM**—Like Scarlet Gleam but of an attractive bright golden yellow color. Pkt. 10c, oz. 35c.

**GLORIOUS GLEAM HYBRIDS**—Same habit and growth as Golden Gleam and Scarlet Gleam. A glorious assortment of brilliant shades. Mixed: Pkt. 10c, oz. 35c.

**DWARF DOUBLE GEM MIXTURE**—Ideal annual for borders and edging use. The plants are truly dwarf and compact. The flowers are of good size, sweet-scented and semi-double. Colors include all shades and many spotted varieties. Pkt. 15c, oz. 35c.

### Single Nasturtiums

**LIEFGREEN'S SPECIAL DWARF SINGLE MIXED**—Compact plants entirely without runners. Same lovely color range as the Tall sort. Pkt. 10c, oz. 25c.

**LIEFGREEN'S SPECIAL TALL SINGLE MIXED**—All single flowers, unusually large. Mixture contains many new colors and varieties as well as the old-fashioned ones. Pkt. 10c, oz. 25c.



Phlox, Art Shades Mixed



Liefgreen's Giant Pansy—Exhibition Strain

## PETUNIAS

PETUNIAS cannot be equaled for beds and borders. They flower through the year even through the hot summer months. Start planting in September and continue through the spring months. Scatter seed thinly on an even well prepared soil and cover lightly with fine silt or sand, pressing firmly with a board so that seed adheres to the soil. A light mulch of barnyard fertilizer or peat moss is beneficial. Thin plants to 8 to 12 inches. Do not over water. Petunias grow from 1 to 1 1/2 feet high, except miniature sorts and the dwarf single bedding types, which attain 8 inches or less.

### Petunias—New and Popular Varieties

**ALL-DOUBLE AMERICA**—Silver Medal AAS, 1942. The first all-double petunia produced in America. Compact plants grow 1 foot high and spread about 1 1/2 feet. Lovely rose-pink. Pkt. 50c.

**PETUNIA, GIANTS OF CALIFORNIA**—Fringed and ruffled. Light and dark colors with attractive deep throats, many beautifully veined. Mixed colors only. Pkt. 25c, 5 pkts. \$1.00.

### Petunia Hybrida—Spreading Type

**PETUNIA, RADIANCE**—(Silver Medal, All-America Selections, 1941.)—A very brilliant and rich rose or cerise color with brown veined yellowish throat. Begins blooming very early and profusely; of uniform height, branching nicely. An outstanding petunia. Pkt. 25c.

**VIOLACEA**—Deep velvety purple. Pkt. 15c, 1/4 oz. 45c.

**HOWARD'S STAR**—Velvety purple with pure white star center. Pkt. 15c, 1/8 oz. 50c.

**TOPAZ ROSE**—Fiery rose suffused gold; topaz color throat. Pkt. 15c, 1/16 oz. 50c.

**WHITE KING**—Very large pure white flowers. Pkt. 15c, 1/4 oz. 45c.

**GEN. DODDS**—A rich blood red. Flowers are large and free blooming. Pkt. 15c, 1/8 oz. 45c.

**BLACK PRINCE**—Balcony type. Deep velvety red. Pkt. 20c, 1/16 oz. \$1.00.

**HYBRIDA MIXED**—Very choice mixture of many lovely colors, including the striped and blotched. Pkt. 10c, 1/8 oz. 40c, 1/4 oz. 75c, oz. \$2.50.

### Petunia Hybrida Grandiflora—Giant Flowered

**VELVET BALL**—Plant is ball-shaped and compact. Height 8 inches. Flowers very large and a velvety blood red. Pkt. 25c, 5 pkts. \$1.00.

**BURGUNDY**—Rich wine red, contrasting white throat. Compact and dwarf. Very large flowers. Pkt. 25c, 5 pkts. \$1.00.

### Petunia Nana Compacta—Dwarf Compact Bedding

**SALMON SUPREME**—Soft pastel salmon. Pkt. 25c, 5 pkts. \$1.00.

**ROSY MORN IMPROVED**—Soft rose, white throat. Pkt. 15c, 1/8 oz. 75c.

**ROSE OF HEAVEN**—Rich, brilliant rose, a trifle deeper than Rosy Morn. Pkt. 15c, 1/8 oz. 75c.

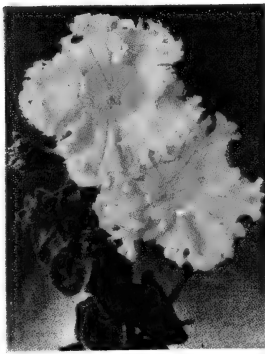
**BLUE BEDDER**—Finest bright mid-blue. Pkt. 15c, 1/8 oz. 60c.

### Phlox Drummondii

Large verberna-like flower growing in clusters on long strong stems. Compact plant. Fine for bedding, borders and cut flowers. Plant in the open in the fall and winter months for a gorgeous display of blooms during the spring months.

**GIGANTEA ART SHADES, MIXED**—Individual flowers immensely large. Color tones beautiful and unusual. Height 12 to 18 inches.

Mixed Colors—Pkt. 15c, 1/8 oz. 65c, 1/4 oz. \$2.00.



Petunias, Giants of California

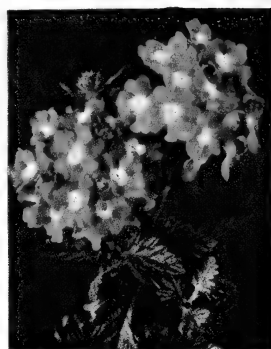
# Plant Liefgreen's Giant Stocks for Fragrance



*Stocks, Giant Imperial*



*Vinca Rosea*



*Verbena, Giant Hybrid*

## Scabiosa

(Mourning Bride or Pincushion Flower)—Annual resembling a round pincushion. The flowers grow on long wiry stems, 2½ ft. high. They bloom profusely and are a lovely addition to the garden or in bouquets. Azure Fairy Blue, White, Crimson, Rose Pink. Each color: Pkt. 10c, ¼ oz. 30c.  
**GRANDIFLORA MIXED**—All colors mixed. Pkt. 10c, ¼ oz. 30c.

## Schizanthus

Height about 1 foot. Annual. Pkt. 10c.

## POPPIES

Seed should be sown in the open during the fall months in a location where the plants are to flower, as they do not transplant easily. Annual.

**ICELAND (Sandford's Giants)**—Undoubtedly one of the best Iceland Poppies. The flowers are immense and borne on long, stiff stems making them excellent for cutting. A beautiful range of colors. Pkt. 20c, ¼ oz. 60c, ½ oz. \$1.00.

**SHIRLEY POPPY, SINGLE MIXED**—Improved large flowering strain of many delicate shades. Pkt. 10c, ½ oz. 25c, oz. 40c.

**SHIRLEY POPPY, DOUBLE MIXED**—Beautiful begonia-like flowers. All colors. Height about 18 inches. Pkt. 10c, ¼ oz. 25c, oz. 75c.

**SHIRLEY POPPY, WHITE**—Pure white, sheer and very lovely. Pkt. 10c, ½ oz. 40c, oz. 75c.

**CALIFORNIA POPPY, IMPROVED ORANGE**—Very deep golden orange, large cup-shaped flowers. Height about 1 ft. Pkt. 10c, oz. 45c.

**CALIFORNIA POPPY, BRILLIANT MIXED**—A mixture of orange, yellow, pink and white. Makes a beautiful display. Pkt. 10c, oz. 45c.

**GLAUCUM, TULIP FLOWERED**—Flowers vivid scarlet on tall strong stems. Pkt. 10c, ¼ oz. 25c, ½ oz. 40c, oz. 75c.

**ARIZONA POPPY, RAINBOW GROUP**—A mixture of many varieties and brilliant shades including the desert types. Pkt. 10c, oz. 50c.

## Poppy Hunnemannia

(Mexican or Giant Yellow Tulip Poppy)

**SUNLITE**—Gorgeous semi-double. Clear bright yellow. Pkt. 15c, ¼ oz. 50c, ½ oz. 85c.

**GIANT SINGLE**—Magnificent golden yellow flowers with orange anthers. Pkt. 10c, ¼ oz. 25c, ½ oz. 40c.

## Ranunculus

Plant during the fall months in well drained soil and a sunny location.

**MIXED COLORS**—Pkt. 10c.

## Salpiglossis

Very showy bedding or border plants, with richly colored, funnel-shaped flowers, which are purple, scarlet crimson, yellow, buff, blue and almost black. Height 2½ feet.

**SUPERBISSIMA MIXED**—Containing many lovely color combinations. Pkt. 10c.

## STOCKS

**GIANT DOUBLE IMPERIAL**—This wonderful new strain of Stocks is branching in habit, very double florets in great profusion on long, strong stems. Sow seed in the fall in the open ground. Thin to 12 inches and remember the most delicate plants are usually the ones that produce the best double flowers. Annual. Height 18 inches to 2 feet.

BLOOD RED	ROSE PINK
CHAMOIS (Ivory)	WHITE
DARK BLUE	GOLDEN ROSE
LAVENDER	YELLOW

Each Color: Pkt. 15c, ½ oz. 75c, ¼ oz. \$1.25.  
**GIANT IMPERIAL MIXED**—All colors mixed. Pkt. 10c, ½ oz. 60c, ¼ oz. \$1.00.

## Virginian Stocks

Very attractive hardy annual, producing innumerable bright colored tiny flowers on thin stems and largely grown for beds and borders. Height 6 to 12 inches. Colors: Crimson, Lavender, Rose, Yellow, and White.  
**MIXED ONLY**—Pkt. 10c, ½ oz. 50c.

## Straw Flowers (Everlasting)

**STATICE SINUATA**—Blue, Yellow, Rose, Lavender, White and Mixed. Each—Pkt. 10c, oz. 40c.

## Sweet William

(*Dianthus Barbatus*)—Vigorous free-flowering perennial. Individual florets grow in flat clusters on long stems. Plant large and compact. Colors are crimson scarlet, pink and white with variations. Plant during the fall.

**DOUBLE MIXED**—Pkt. 10c.  
**SINGLE MIXED**—Pkt. 10c.

## Arizona Wild Flowers

A fine mixture of many species. They may be planted from early fall to early spring, at longer blooming period resulting from the fall planting. Annuals. Pkt. 10c, oz. \$1.00, ¼ lb. \$3.00, 1 lb. \$10.00.

## Venidium

Flowers grow to 4 or 5 inches in diameter on tall stems standing well above the gray-green foliage. Daisy-like with overlapping petals. Center blue-black with a lighter shade ray. Plant in full sun during the fall and winter months. Height 2 feet.

**VENIDIUM FASTUOSUM**—Orange yellow. Very large and bright. Pkt. 20c, ½ oz. \$1.00.

**VENIDIUM HYBRIDS**—Mixed shades of apricot, white, salmon, yellow and orange. Pkt. 25c, ½ oz. \$1.00.

## Liefgreen's Beautiful VERBENAS

These low growing plants spread from 12 to 18 inches. Their showy flowers are borne in large clusters. Suitable for very colorful beds and borders, for they bloom practically the year around in Arizona. Plant in open during fall, winter and spring months, in a finely prepared rich soil. Scarcely cover the seed and keep moist but not wet until plants are up. Excellent for cutting.

### HYBRIDA GIANT VERBENAS

**Giant Scarlet**—Very large and brightest of all reds.

**Giant Beauty of Oxford Hybrid**—Brilliant rose shades.

**Giant Salmon Pink**—Huge pink clusters.

**Giant Violacea Stellata**—Deep purple with white eye.

**Giant Pure White**—A giant pure white combining well with all colors.

**HYBRIDA GIANTS MIXED**—Contains all of the above colors and many others and blended for the proper color values. You will find the giant strains far superior to the low small flowered varieties.

All of the above: Pkt. 15c, ½ oz. 60c, ¼ oz. \$1.00.

## Vinca Rosea

(*Periwinkle*)—Ornamental bush-like plants with dark glossy foliage and handsome free-flowering blossoms in pink and white, like the floret of a very large single phlox. Plant seed in the early spring. Perennial. 16 to 18 inches tall.

**MIXED COLORS**—Pkt. 15c, ¼ oz. 50c.

## Viola

Thrive best in a light, rich soil in a semi-shady location. Plant during the fall months. Height 6 inches. **MIXED COLORS**—Pkt. 15c.

## Wallflower

Height of 1 to 1½ feet. Plant during the fall months. Thin to 1 foot.

**GOLDEN GEM**—Bright golden yellow. Pkt. 10c. **MIXED COLORS**—Pkt. 10c.

**From**

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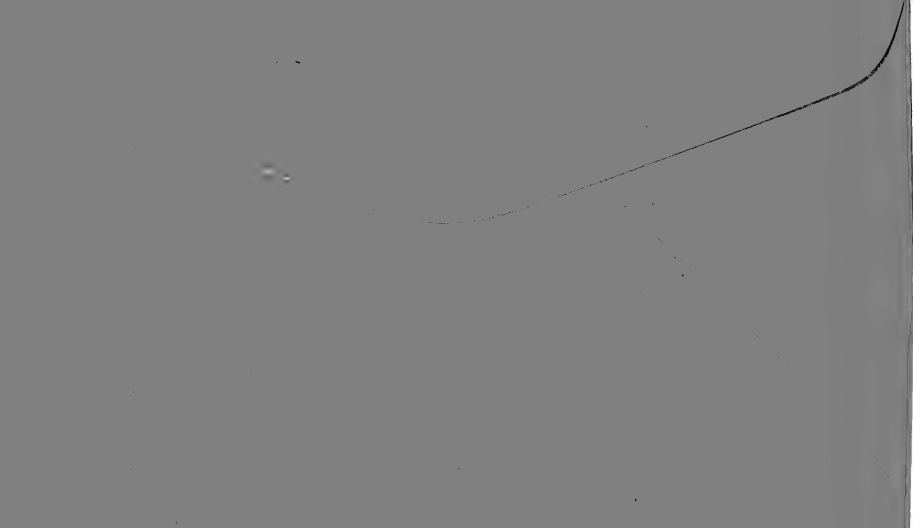
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**339 WEST VAN BUREN**

**P. O. Box No. 1352**

**PHOENIX, ARIZONA**



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"We give no warranty, express or implied, as to the productiveness of any seeds or bulbs we sell and we will not be in any way responsible for the crop. Our liability in all instances is limited to the purchase price of the seed."—Liefgreen Seed Co.

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WE PAY THE POSTAGE ON ALL FLOWER AND VEGETABLE SEEDS LISTED IN OUR CATALOG. FOR RATE ON ITEMS  
WE DO NOT POSTPAY, SEE "PARCEL POST RATES" IN CATALOG.



# Liefgreen's Monthly Planting Guide

FOR THE SALT RIVER VALLEY AND SIMILAR CLIMATES

## September and October Planting List

**VEGETABLE SEEDS**—Beets, Cabbage, Carrots, Cauliflower, Collards, Cress, Endive, Garlic Sets, Herbs, Kale, Kohlrabi, Leek, Lettuce, Mustard, Onion Seed, Onion Sets, Parsley, Parsnips, Peas, Radishes, Salsify, Spinach, Turnips.

**VEGETABLE PLANTS** — Cabbage and Cauliflower.

**FLOWER SEEDS**—African Daisy, Bachelor Button, Calendula, Candytuft, Carnation, Caliopis, Centaurea, Clarkia, Columbine, Coreopsis, Delphinium, Daisies, Globe Amaranth, Gaillardia, Gypsophila, Hollyhock, Larkspur, Linaria, Mignonette, Moon Vine, Nemophila, Nicotiana, Nigella, Pansy, Petunia, Phlox, Pinks, Poppies, Scabiosa, Snapdragons, Stocks, Sweet Alyssum, Sweet Peas, Sweet William, Verbena, Virginia Stocks, Venidium, Geum.

**BULBS**—Anemone, Amaryllis, Daffodils, Chinese Sacred Lily, Freesias, Galanthus, Hardy Lilies, Hyacinths, Iris, Jonquils, Narcissus, Oxalis, Paper Whites, Soleil d'Or (Yellow Paper Whites), Muscari, Ranunculus, Tulips.

**LAWN SEEDS** — Bermuda Grass, Blue Grass, Rye Grass, White Clover, Poa Trivialis, Bent Grass, Red Top.

**FIELD SEEDS**—Alfalfa, Barley, Oats, Winter Rye, Wheat.

## November and December Planting List

**VEGETABLE SEEDS**—Beets, Cabbage, Carrots, Cauliflower, Endive, Garlic Sets, Kale, Lettuce, Mustard, Onion Seed, Onion Sets, Parsley, Parsnips, Peas, Radishes, Spinach, Turnips.

**VEGETABLE PLANTS** — Cabbage and cauliflower.

**FLOWER SEEDS** — African Daisy, Calendula, Candytuft, Carnation, Caliopis, Centaurea, Clarkia, Columbine, Coreopsis, Delphinium, Daisies, Geum, Globe Amaranth, Gaillardia, Gypsophila, Hollyhock, Larkspur, Linaria, Mignonette, Moon Vine, Nemophila, Nicotiana, Nigella, Pansy, Petunia, Phlox, Pinks, Poppies, Scabiosa, Snapdragons, Stocks, Sweet Peas, Sweet William, Verbena, Virginia Stocks, Venidium.

**LAWN SEEDS**—Blue Grass, Rye Grass, White Clover, Poa Trivialis, Bent Grass, Red Top.

**BULBS**—Amaryllis, Anemone, Calla Lily, Chinese Lily, Soleil d'Or (Yellow Chinese Lily), Daffodils, Freesias, Galanthus, Gladiolus, Hardy Lilies, Hyacinths, Dutch Iris, Jonquils, Muscari, Oxalis, Paper White Narcissus, Ranunculus, Tulips.

**FIELD SEEDS** — Alfalfa, Barley, Oats, Winter Rye, Wheat.

## January Planting List

**VEGETABLE SEEDS** — Asparagus, Beets, Cabbage Plants, Carrots, Cauliflower Plants, Collards, Endive, Kale, Kohlrabi, Lettuce, Mustard, Onion Seed, Onion Sets, Parsley, Parsnips, Peas, Potatoes, Radishes, Rhubarb, Roots, Spinach, Turnips, Strawberry Plants.

**FLOWER SEEDS** — African Daisy, Bachelor Buttons, Calendula, Caliopis, Candytuft, Carnation, Centaurea, Chrysanthemum, Cosmos, Coreopsis, Double Daisy, Gaillardia, Gypsophila, Hollyhock, Larkspur, Linaria, Linum, Moon Vine, Mignonette, Nemophila, Nigella, Pansy, Petunia, Phlox, Pinks, Poppies, Salpiglossis, Shasta Daisy, Scabiosa, Stocks, Snapdragon, Sweet Alyssum, Sweet Peas, Virginia Stocks, Verbena, Venidium, Wall Flower.

**BULBS**—Amaryllis, Canna, Calla Lily, Chinese Lily, Crocus, Daffodils, Freesias, Gladiolus, Jonquils, Hardy Lilies, Hyacinths, Oxalis, Paper White Narcissus, Tulips, Ranunculus, Tuberoses.

**LAWN SEEDS** — Blue Grass, Rye Grass, White Dutch Clover.

**FIELD SEEDS** — Alfalfa, Barley, Oats, Rye, Wheat, Sweet Clover.

For the colder sections of Arizona the time of planting should be determined by the weather conditions. In Northern Arizona and in the higher altitudes most of the varieties listed here should be planted in the spring, after all danger of frost.

## GRASS SEED LIEFGREEN'S

Liefgreen's Lawn Seeds are thoroughly cleaned and tested for purity and germination.

**DIRECTIONS FOR PLANTING**—First level the ground thoroughly and pulverize the soil. Enrich with our Lawn and Garden Fertilizer at the rate of 100 pounds to 3000 square feet. Scatter the seed evenly over the surface at the rate of 1½ to 2 pounds to 10 x 10 feet for Australian Rye Grass; one pound to 10 x 20 for Blue Grass; one pound to 500 square feet for Bermuda Grass and one pound to 2000 square feet for White Dutch Clover when planted with other grasses. After sowing spread a light mulch of Horticultural Peat Moss over the surface. The mulch will quicken germination and prevent the soil from crusting. Water carefully and regularly with a fine spray, never allowing the surface to dry out until the grass is up. Plant Rye Grass, Blue Grass and White Clover from September 1st until early spring and Bermuda Grass during the spring, summer and fall months.

**PEAT MOSS**—Excellent mulch and soil conditions. \$4.50 per bale, f.o.b. Phoenix.

When you buy Liefgreen's Lawn Grass Seed you avoid failure and disappointment.

WRITE OR PHONE FOR QUANTITY PRICES

PRICES HEREIN ARE SUBJECT TO CHANGE WITHOUT NOTICE.

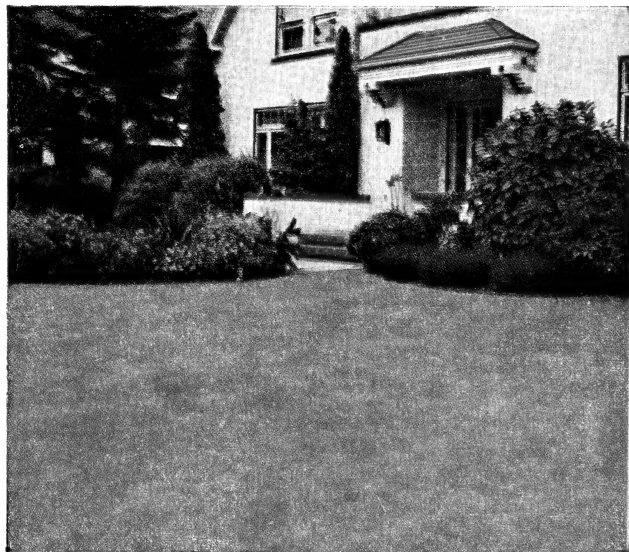
### AUSTRALIAN RYE GRASS

For Winter Lawns

Extremely hardy, Australian Rye Grass is the most popular winter lawn grass in the Salt River Valley and similar climates. Our seed is of the highest germinating quality, thoroughly re-cleaned and sure to please.

**POSTPAID PRICES:** 1 lb. 30c; 5 lbs. \$1.25; 10 lbs. \$2.25.

**NOT POSTPAID (f.o.b. Phoenix):** 1 lb. 25c; 5 lbs. \$1.00; 10 lbs. \$2.00; 25 lbs. \$4.00.



### RED TOP

**AGROSTIS ALBA**—A fine-bladed grass that is often used with Rye Grass and Kentucky Blue Grass for golf courses and lawn purposes. Also used for pasture grass in the higher altitudes. For pasture, sow 15 pounds per acre. Lb. 45c; 10 lbs. \$4.00. Postpaid.

### KENTUCKY BLUE GRASS

Fancy, re-cleaned seed of tested quality. Used for summer lawns in the higher altitudes and mountain districts and in the warmer sections for winter lawns. Lb. 65c; 10 lbs. \$6.00. Postpaid. Write for quantity prices.

### WHITE DUTCH CLOVER

Strictly first-class seed, absolutely clean and pure and of the highest quality. Makes a very attractive lawn when mixed with winter lawn grass. Lb. \$1.25; 10 lbs. \$11.50. Write for quantity prices.

### SEASIDE BENT

**AGROSTIS MARITIMA**—A true creeping bent, used for putting greens. Our stock is re-cleaned and extremely pure and free from weed seeds. Certified (Blue Tag) Seed. 1 lb. \$1.25; 5 lbs. \$5.75. Postpaid.

## Use Liefgreen's Fertilizers for the Victory Garden VICTORY GARDEN FERTILIZERS

**BANDINI GRO-RITE**..... 5 lbs. 50c; 10 lbs. 80c; 25 lbs. \$1.40, 50 lbs. \$2.25, 100 lbs. \$3.50  
**VIGORO**..... 5 lbs. 50c; 10 lbs. 85c; 25 lbs. \$1.55, 50 lbs. \$2.60, 100 lbs. \$4.25  
F.O.B. Phoenix. We cannot make delivery unless postage comes with order.

☆ *Quality Always* ☆



*Liefgreen's  
Seeds are Tops!*

***When you  
Shop at  
Liefgreen's  
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Convenient  
Parking Lot***

**... FREE ...**

Directly East of Our Store is our spacious parking lot. Drive in, make yourself at home, no confusion, no tickets, no bother, and avoid trouble that comes when you try to park in the more congested areas.

Yes, the seeds we have been supplying for years to market gardeners and home gardens have had to meet very high standards in order to produce successful crops. Consequently, Quality has always been the first consideration.

Liefgreen Seed Co. sells only one TOP quality of seed and it is constantly checked by recognized Seed Testing Laboratories. All seeds we sell, either in bulk or in packets must be the best.

But top quality seed is not all. Remember, when you plant your garden it is essential to prepare the soil properly by digging it deeply and working in generous amounts of Peat Moss or the new Sani-Soil and fertilizer. Then keep your garden growing by careful and regular irrigation and cultivation.

Healthy free-growing plants give the best crops. Let's all help lick the Food Battle. Grow more in '44.

Telephone  
31147



339 West Van Buren, **PHOENIX, ARIZONA**